PHARMACY BENEFITS MANAGEMENT (PBM) EXTRACT ENHANCEMENTS
Phase 1

INSTALLATION GUIDE
PSU*3*19

June 2002

Department of Veterans Affairs
V*IST***A** System Design & Development

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Introduction

To meet the reporting requirements placed on the Pharmacy Benefits Management (PBM) Strategic Healthcare Group (SHG) by external bodies such as the General Accounting Office (GAO), the Institute of Medicine (IOM), as well as congressional oversight bodies, PBMSHG requested enhancements to the V*IST*A Pharmacy Benefits Management V. 3.0 application. PBM Version 3.0 extracts medication dispensing data from multiple files in V*IST*A and electronically exports the data via MailMan to a national database housed at the PBM office located at Hines.

The data set captured by the PBM V. 3.0 application will be expanded and enhanced to support the VA National Formulary (VANF) disease management issues and patient safety initiatives. In the first of a series of three enhancement patches, four new extracts will be created to gather patient demographic, outpatient visit, inpatient Patient Treatment File (PTF), and provider data. Modifications will also be made to existing Prescription, Unit Dose, IV and Controlled Substances extracts. New summary reports will be created to provide a listing of incomplete provider records and the number of unique pharmacy patients serviced by the facility.

Purpose

To meet the reporting requirements placed on the Pharmacy Benefits Management (PBM) Strategic Healthcare Group (SHG) by external bodies such as the General Accounting Office (GAO), the Institute of Medicine (IOM), as well as congressional oversight bodies, PBMSHG requested enhancements to the V*IST*A Pharmacy Benefits Management V. 3.0 application. PBM Version 3.0 extracts medication dispensing data from multiple files in V*IST*A and electronically exports the data via MailMan to a national database housed at the PBM office located at Hines.

The data set captured by the PBM V. 3.0 application will be expanded and enhanced to support the VA National Formulary (VANF) disease management issues and patient safety initiatives. A series of three patches will be released to provide the requested functionality.

Scope

The PBM Extracts Enhancements Phase 1 project creates four new extracts to gather patient demographic, outpatient visit, inpatient PTF, and provider data. Modifications will also be made to existing Prescription, Unit Dose, IV and Controlled Substance extracts. New summary reports will be created to provide a listing of incomplete provider records and the number of unique pharmacy patients serviced by the facility. The instructions and examples in this Installation Guide will apply to patch, PSU*3*19, the first in a series of three patches to be released.

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Pre-Installation

This patch should not be installed while the monthly *Automatic Pharmacy Statistics* [PSU PBM AUTO] option or a *Manual Pharmacy Statistics* [PSU PBM MANUAL] option is running. Installation of this patch may cause the tasked job to error out and not complete.

Prior to installing patch PSU*3*19, please confirm that the *Automatic Pharmacy Statistics* [PSU PBM AUTO] option has run for the previous month and that all the MailMan messages generated have successfully transmitted to the PBM master database at Hines.

Required Patches

Prior to installing patch PSU*3*19, the following patches must be installed.

PSS*1*52
PSJ*5*68
PSO*7*95
PSO*7*103

The first three patches listed above provide the ability to track when pharmacy services are first provided and historically populate this information. Please refer to the individual patch descriptions for more detailed information.

Minimum Required Packages

This patch can only be run with a standard MUMPS (M) operating system and requires the following Department of Veterans Affairs (VA) software packages.

Package	Minimum Version Needed
Auto Replenishment/Ward Stock (AR/WS)	2.2
Controlled Substances	2.0
Drug Accountability	2.0
Inpatient Medications	5.0
Integrated Funds Control, Accounting and Procurement (IFCAP)	5.0
Kernel	8.0
Laboratory	5.2
MailMan	7.1
National Drug File (NDF)	4.0
Outpatient Pharmacy (OP)	7.0
Patient Information Management System (PIMS)	5.3
Patient Care Encounter (PCE)	1.0
Pharmacy Data Management (PDM)	1.0
VA FileMan	22.0
Visit Tracking	2.0

The above software is not included in this patch and must be installed before this build is completely functional.

Installation Steps

This patch can be installed with users on the system. There are no scheduling restrictions or recommendations.

1. Use the *INSTALL/CHECK MESSAGE* option on the *PackMan* menu.

2. Review your mapped set. If the routines are mapped, they should be removed from the mapped set at this time. Currently there are no routines that are recommended by the package to be placed into the mapped set.

3. From the *Kernel Installation & Distribution System* menu, select the *Installation* menu.

4. From this menu, you may select to use the following options (when prompted for INSTALL NAME, enter PSU*3.0*19).

   a. *Backup a Transport Global* - This option will create a backup message of any routines exported with the patch. It will NOT backup any other changes such as DDs or templates.

   b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).

   c. *Verify Checksums in Transport Global* - This option will ensure the integrity of the routines that are in the transport global.

5. Use the Install Package(s) option and select the package PSU*3.0*19.

6. When prompted "Want KIDS to INHIBIT LOGONs during the install? YES//", respond **NO**.

7. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//", respond **NO**.

8. If any routines were unmapped as part of step 2, they should be returned to the mapped set once the installation has run to completion.

Installation Example

```
Select OPTION NAME: XPD MAIN        Kernel Installation & Distribution System

Select Kernel Installation & Distribution System Option: INstallation

Select Installation Option: INstall Package(s)
Select INSTALL NAME: PSU*3.0*19        Loaded from Distribution  4/16/02@15:07
     => PSU*3.0*19

This Distribution was loaded on Apr 16, 2002@15:07 with header of
   PSU*3.0*19
   It consisted of the following Install(s):
     PSU*3.0*19
Checking Install for Package PSU*3.0*19

Install Questions for PSU*3.0*19


Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// NO


Want KIDS to INHIBIT LOGONs during the install? YES// NO
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// NO

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME//  <ENT>   VIRTUAL

 Install Started for PSU*3.0*19 :
            Apr 16, 2002@15:07:57

Build Distribution Date: Apr 03, 2002

                              PSU*3.0*19
--------------------------------------------------------------------
 Installing Routines:
            Apr 16, 2002@15:07:59

 Installing PACKAGE COMPONENTS:

 Installing OPTION
            Apr 16, 2002@15:07:59

 Updating Routine file...

 Updating KIDS files...

 PSU*3.0*19 Installed.
            Apr 16, 2002@15:08



Install Message sent #4263601
--------------------------------------------------------------------------------
        [---------------------------------------------------------------]
  100%  |              25              50              75             |
Complete  [---------------------------------------------------------------]


Install Completed
```

Post-Installation

After installation of this patch, sites need to make sure that the *Automatic Pharmacy Statistics* [PSU PBM AUTO] option is scheduled correctly for the next month's transmission.

Pharmacy Benefits Management Strategic Health Group has requested that sites use the *Manual Pharmacy Statistics* [PSU PBM MANUAL] option to retransmit data a month at a time, starting from October 2001 up until the installation of this patch.
NOTE: The Patient Demographic and Provider Data extracts need only be run for one month, and that month should be the most recent in the date range to be retransmitted.

For example, a facility installs patch PSU*3*19 on May 20, 2002. The facility should first retransmit data for all extracts except for the Patient Demographic and Provider Data, a month at a time, for October 2001 through April 2002. When selecting the codes for the data to be extracted, the user should enter "1-6,8-9". After all the monthly extracts have completed and have been transmitted, the facility should then run one more extract for the month of April 2002 for only the Patient Demographic and Provider Data. When selecting the codes for the data to be extracted, the user should enter "7,10".

Example of Retransmitting Data

```
Select OPTION NAME: PSU PBM MANUAL        Manual Pharmacy Statistics
Manual Pharmacy Statistics
.
.
.
Is this the monthly report? y  YES

Select Month/Year: 10-01  (OCT 2001)

Do you want a copy of this report sent to you in a MailMan message? NO// y
YES

Send this to the PBM section for addition to the master file? NO// y  YES
.
.
.
Select the code(s) associated with the data requested: 1-6,8-9
.
.
.
Print Summary Only? NO//<ENT> N
```